



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/721,394	11/25/2003	Richard Paul Eckberg	US 138361-1	9014
7590	05/27/2005		EXAMINER	
Kenneth S. Wheelock General Electric Company One Plastics Avenue Pittsfield, MA 01201			BERMAN, SUSAN W	
			ART UNIT	PAPER NUMBER
			1711	

DATE MAILED: 05/27/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

NW
IW

Office Action Summary	Application No.	Applicant(s)
	10/721,394	ECKBERG, RICHARD PAUL
	Examiner Susan W. Berman	Art Unit 1711

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) Responsive to communication(s) filed on _____.
- 2a) This action is FINAL. 2b) This action is non-final.
- 3) Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) Claim(s) 1-23 is/are pending in the application.
 - 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) Claim(s) _____ is/are allowed.
- 6) Claim(s) 1-23 is/are rejected.
- 7) Claim(s) _____ is/are objected to.
- 8) Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) The specification is objected to by the Examiner.
- 10) The drawing(s) filed on _____ is/are: a) accepted or b) objected to by the Examiner.
 Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
 Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) All b) Some * c) None of:
 1. Certified copies of the priority documents have been received.
 2. Certified copies of the priority documents have been received in Application No. _____.
 3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)	4) <input type="checkbox"/> Interview Summary (PTO-413)
2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)	Paper No(s)/Mail Date. _____
3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08) Paper No(s)/Mail Date <u>11/03</u> .	5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152)
	6) <input type="checkbox"/> Other: _____

Claim Objections

Claims 1, 7 and 8 are objected to because of the following informalities: Claim 1: there is a space between C₆ and H₉O in the formula for M^E, in the definition of (b), the word "seklected" is a misspelling. Claim 7: the word "rges" should be "ranges"; Claim 8 it is believed "(a" should be "(a)". Appropriate correction is required.

Claim Rejections - 35 USC § 112

The following is a quotation of the second paragraph of 35 U.S.C. 112:

The specification shall conclude with one or more claims particularly pointing out and distinctly claiming the subject matter which the applicant regards as his invention.

Claim 1 is rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention. In the definition of component (d), the formula of the alkylphenol compound is missing, thus it is unclear what "R" and what "b" are being referred to.

Claim Rejections - 35 USC § 103

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

Claims 1-23 rejected under 35 U.S.C. 103(a) as being obvious over Eckberg et al (5,814,679) in view of Desorcie et al (5,010,118). Eckberg et al ('679) disclose co-photocuring carbinol-functionalized silicones and epoxy-functionalized silicones to provide improved release properties to release compositions and superior photocurability. Eckberg et al teach that the carbinol-containing silicones provide a lower release force coating (column 10, lines 1-5). Viscosities of the disclosed epoxy silicones range from 100 to 100,000 cstk and viscosities of the disclosed carbinol-containing silicones taught in

Art Unit: 1711

Table 1 range from 300-15450 cstk. Thus Eckberg et al disclose compositions wherein the viscosities of the epoxy silicone and the carbinol silicone correspond to those in the instant claims. The compositions disclosed comprise the same iodonium salts as instantly claimed (column 13, lines 21-39). Desorcic et al disclose compositions comprising an epoxysilicone, a polyarylonium salt and a compatibilizer, wherein the compatibilizer is a mixture of an alkylphenol and an alkane diol.

It would have been obvious to one skilled in the art at the time of the invention to employ the compatibilizer for an epoxy silicone and iodonium salt comprising an alkylphenol disclosed by Desorcic et al in the compositions comprising epoxy silicones and iodonium salts disclosed by Eckberg et al. One of ordinary skill in the art at the time of the invention would have been motivated by an expectation of providing substantially uniform epoxysilicone compositions, as taught by Desorcic et al. The features of the dependent claims are found within the disclosure of Eckberg et al. See US 4,279,717 and US 5,360,833, incorporated by reference to teach epoxy silicones, column 12, lines 57-66, and Tables 2, 7, 11 and 12.

Conclusion

The prior art made of record and not relied upon is considered pertinent to applicant's disclosure. US Patents 4,279,717, and 5,360,833. Abstracts of JP409188816 and JP 58203174A.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Susan W. Berman whose telephone number is 571 272 1067. The examiner can normally be reached on M-F 9:30-6:00.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, James Seidleck can be reached on 571 272 1078. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Art Unit: 1711

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).



Susan W Berman
Primary Examiner
Art Unit 1711

SB
4/27/05